

APPROVED	FIG. 1
BY	CLASS
	SUBCLASS
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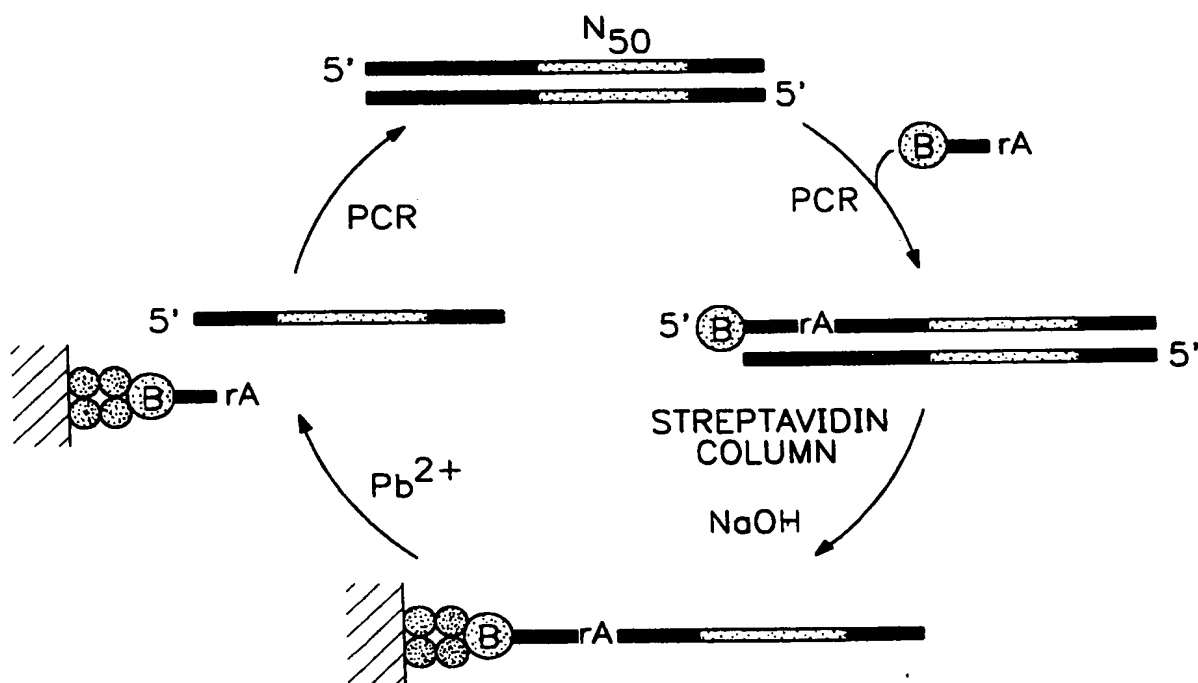


FIG. 1

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APPROVED	CLASS	FIG.
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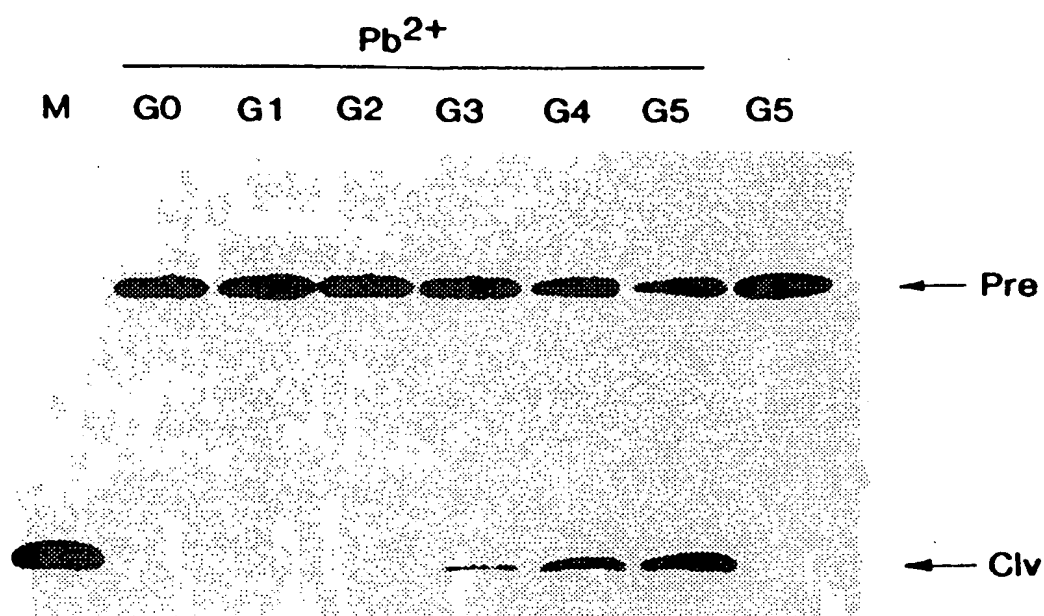


FIG. 2

[illegible]

**TARGET  
RIBOADENYLATE**

substrate: 3' CACCGGTAGAGAGG.....ATATCACTCAGCATATCTTAAGCAGG 5'

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SEQ. ID NO.	# of clones	5'	3'
14	8	5'- TCACA <b>CATCTCT</b>	GAAGT
15	3	5'- GGGGGAACGCCGTAAACA <b>G-CTCT</b>	GAAGT
16	2	5'- CGGACTCGTAGCCCA <b>TTGCTTTT</b>	GC
17	2	5'- CCACCA <b>TGCTTCIC-</b>	G
18	1	5'- GCCAGA <b>TTGCTG-CT--</b>	ACC
19	1	5'- ATAG <b>GCCAIGCIII</b>	GGCT
20	1	5'- TCTGCTCTC <b>CTCTATTCT-</b>	AGCAGTGC
21	1	5'- TTGCCAGCA <b>TAGCGGCA----</b>	GACGTGTGT
22	1	5'- TTGCTAGTCGGCTGA <b>ACTTCT</b>	GT

BASE-PAIR-FORMING  
REGIONS (INDIVIDUALLY  
BOXED SEQUENCES)

↪ CONSERVED  
REGIONS

BASE-PAIR-FORMING  
REGIONS (INDIVIDUALLY  
BOXED SEQUENCES)

**FIG. 3**

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APPROVED	FIG.	SUBCLASS
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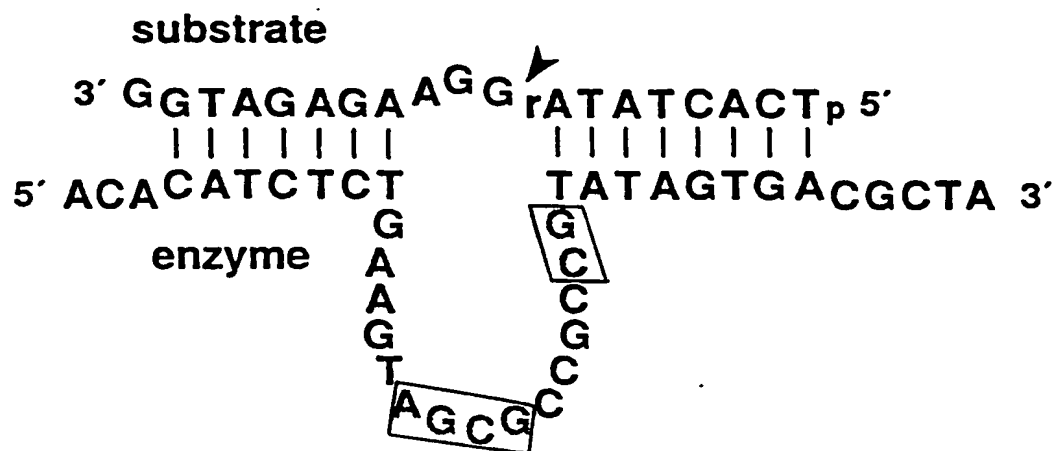


FIG. 4A

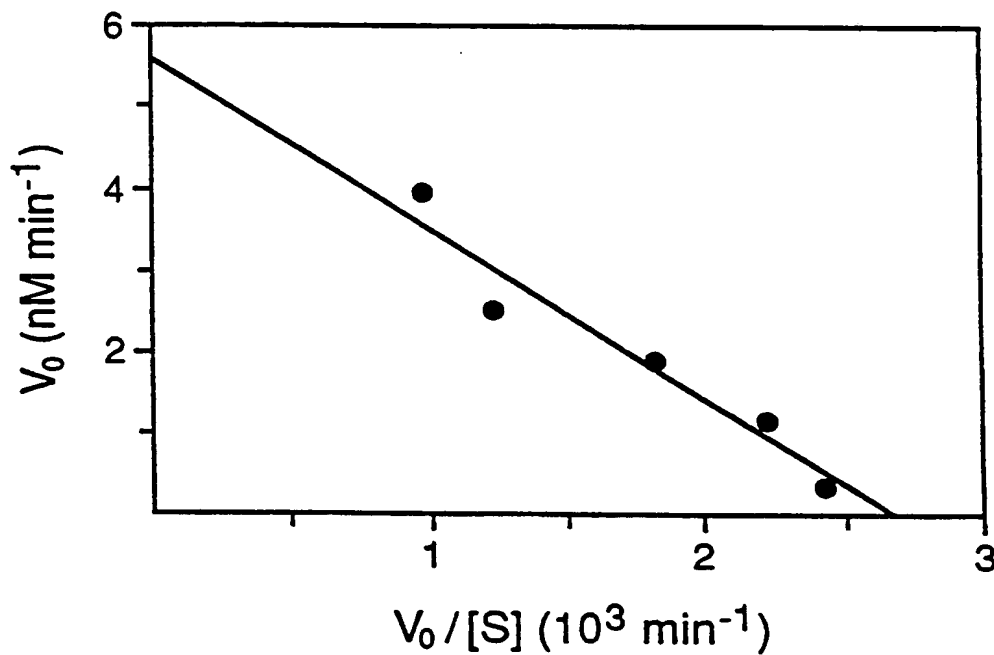


FIG. 4B

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APPROVED	O.G. FIG.	
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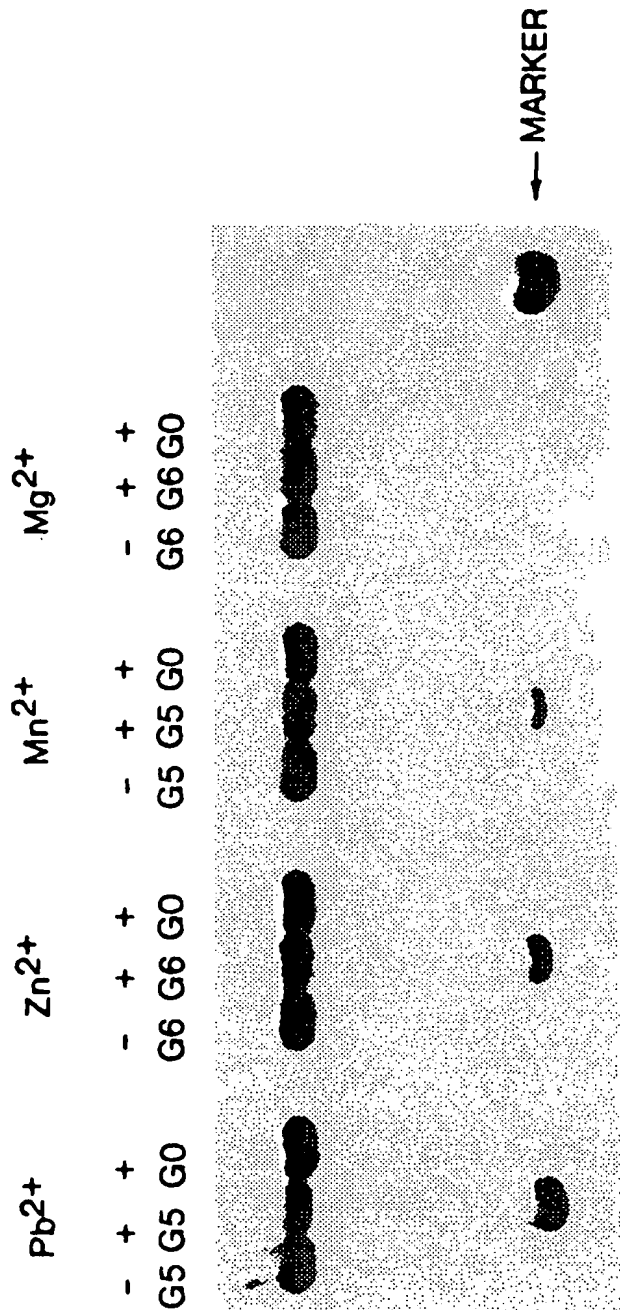


FIG. 5

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FIG.	CLASS
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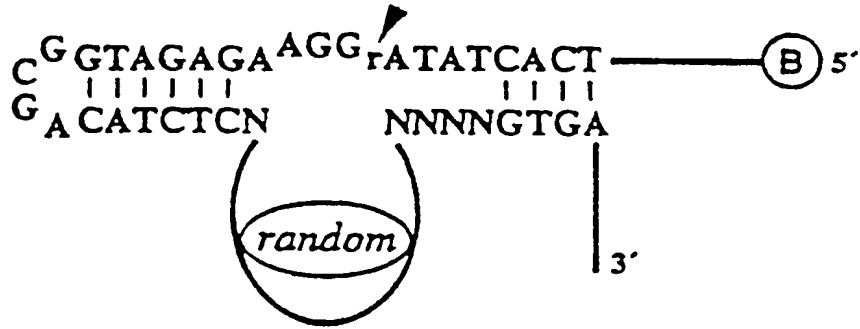


FIG. 6A

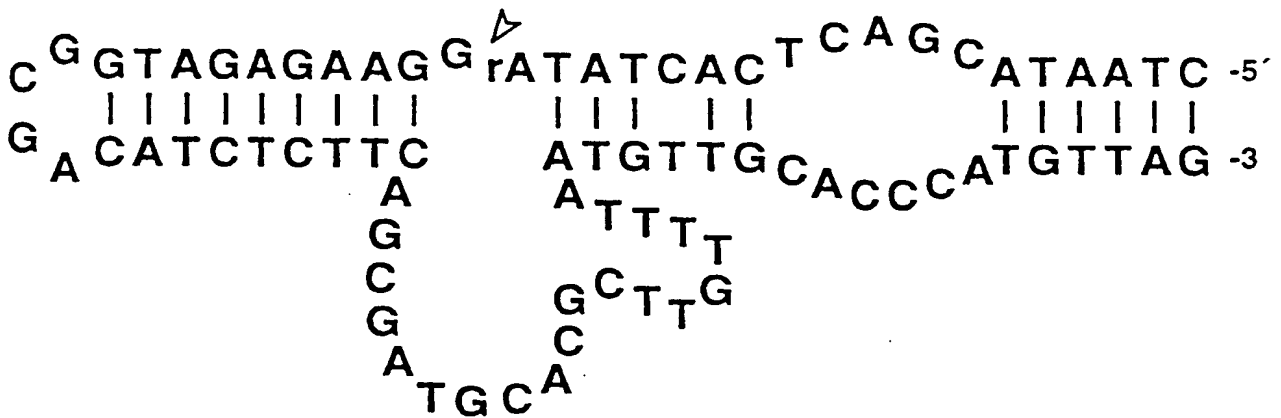
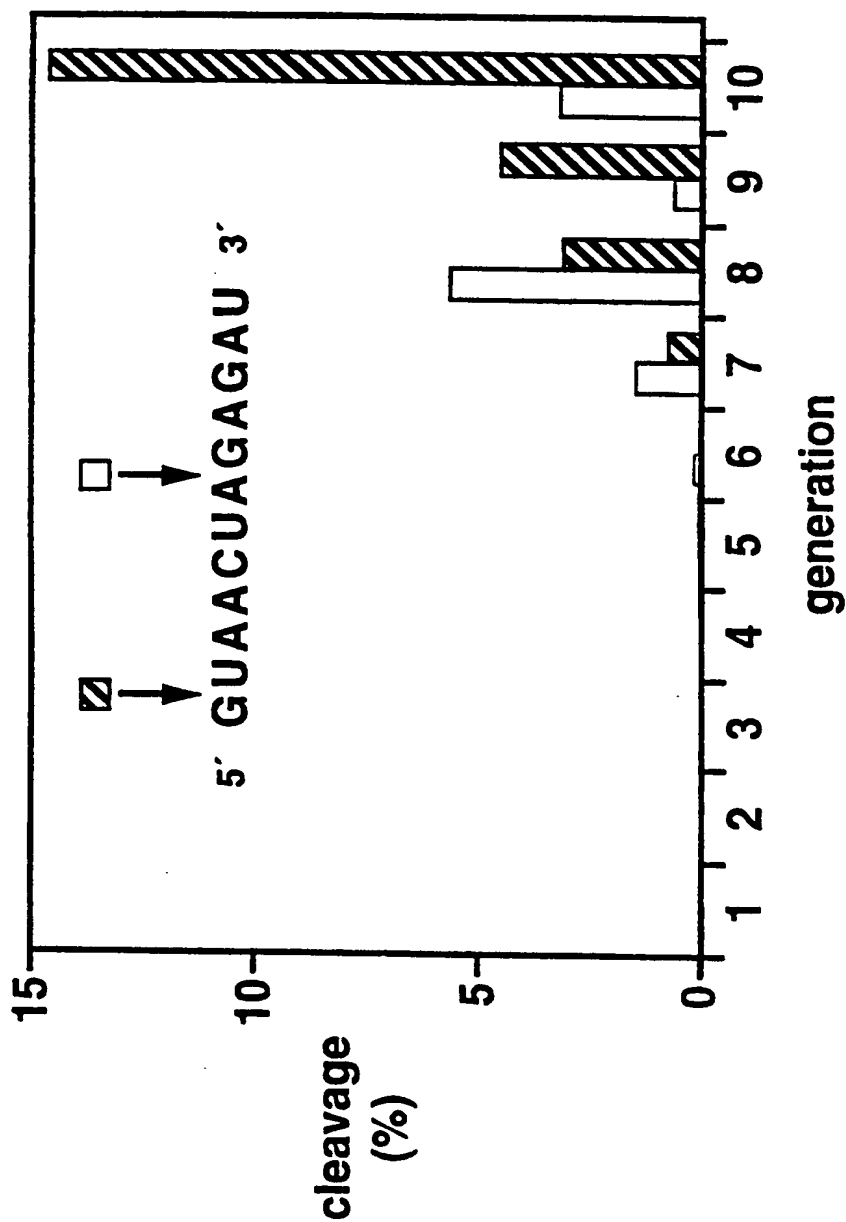


FIG. 6B

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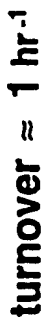
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10 mM Mg<sup>2+</sup>, pH 7.5, 37 °C, 2 h

FIG. 7

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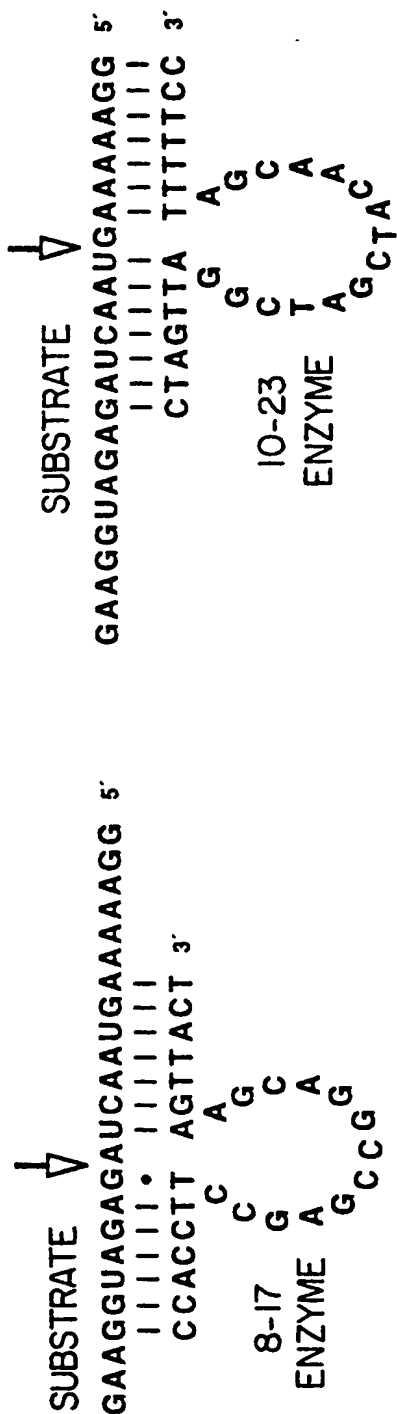


**turnover  $\approx 0.6 \text{ hr}^{-1}$**

**10 mM Mg<sup>2+</sup>, pH 7.5, 37 °C**

**F/G. 8**

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$k_{obs} \approx 0.01 \text{ min}^{-1}$

$k_{obs} \approx 0.002 \text{ min}^{-1}$

10 mM  $\text{Mg}^{2+}$ , pH 7.5, 37 °C

FIG. 9

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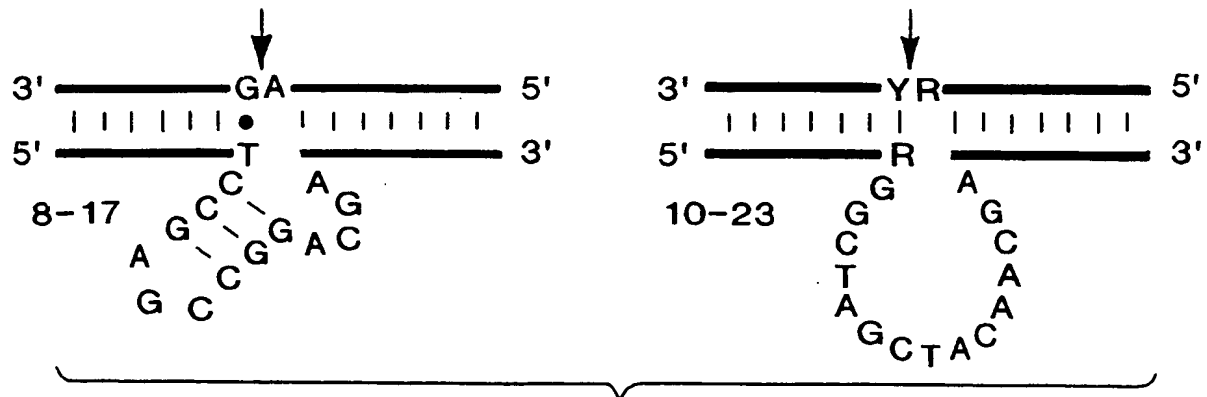


FIG. 10

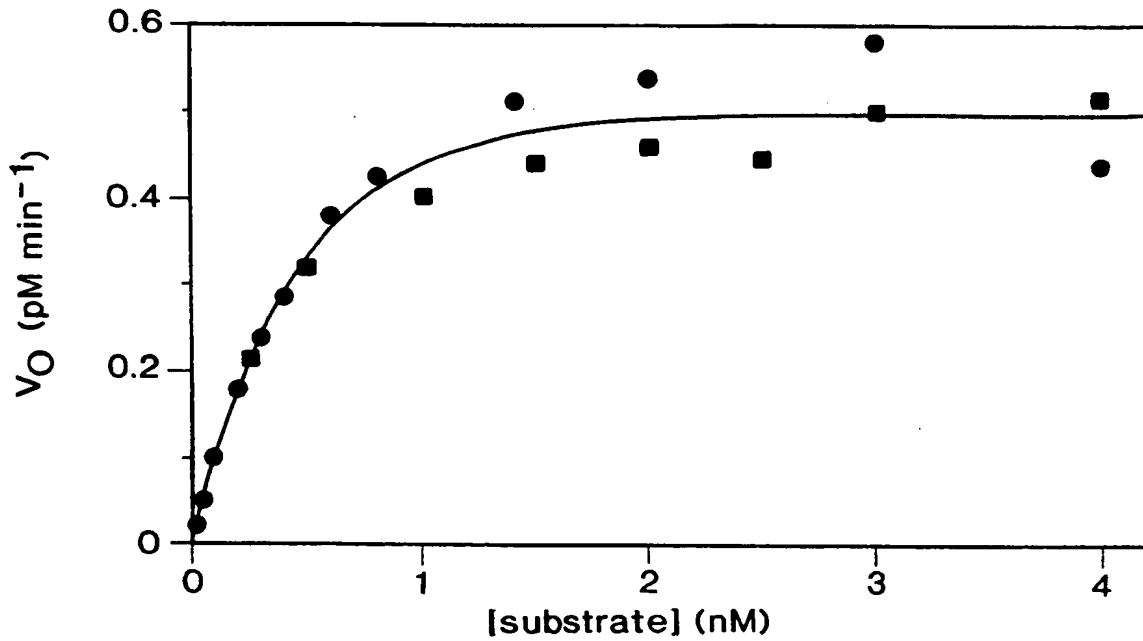


FIG. 11

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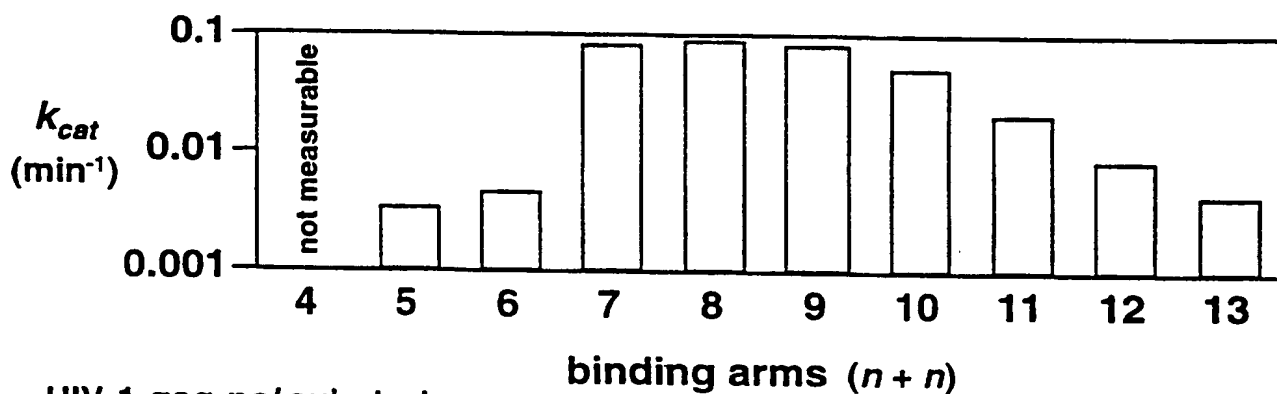


FIG. 12A

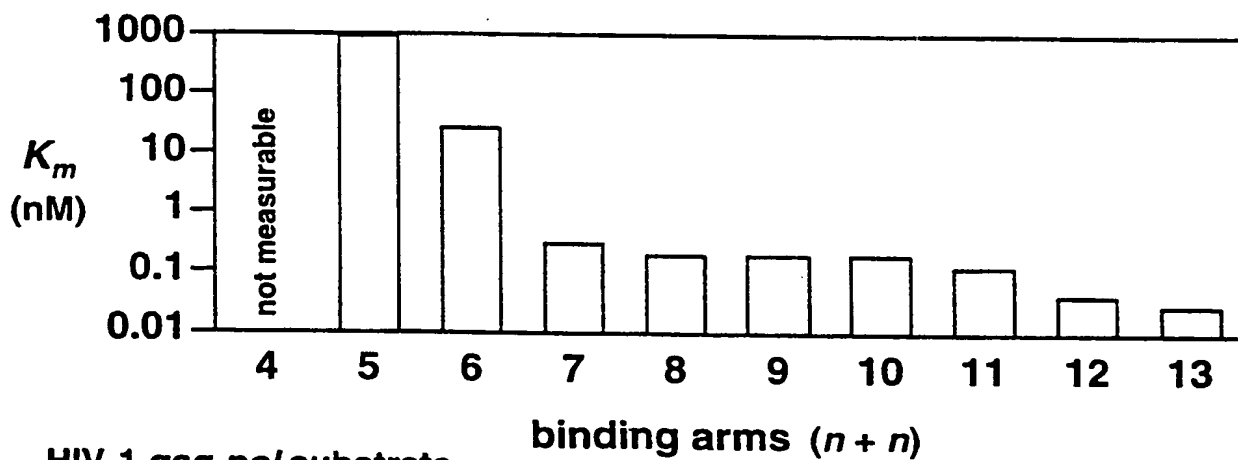


FIG. 12B

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APPROVED	FIG.
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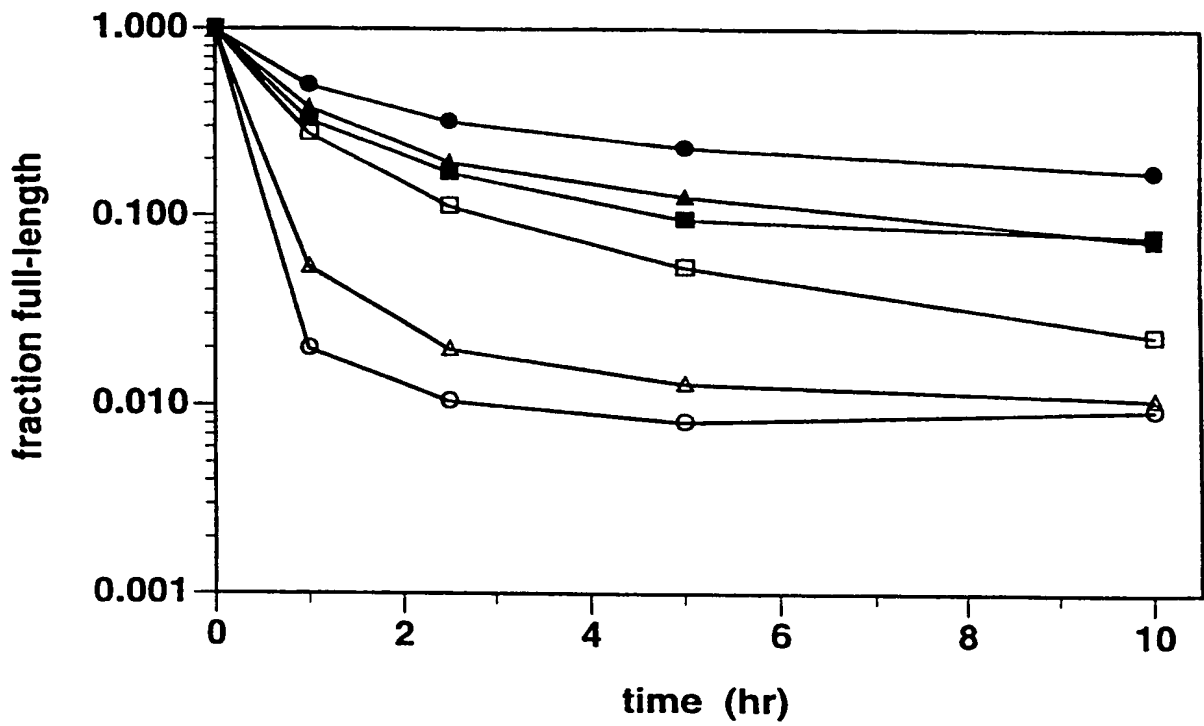


FIG. 13